

279-3467

8/11/2014

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number:
279-3467

Date of Issuance: 2014
AUG 11 2014

Term of Issuance:
Conditional

Name of Pesticide Product:
F9390-3 Insecticide

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(Under FIFRA as amended)

Name and Address of Registrant (include ZIP Code):

FMC Corporation
1735 Market Street
Philadelphia, PA 19103

~~Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.~~

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is **conditionally** registered in accordance with FIFRA sec. 3(c)(7)(A), provided that:

1. You will submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(7)(A) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for registration review.
2. You will make the following label changes before you release the product for shipment:
 - a) Revise the EPA Registration Number to read "EPA Reg. No. 279-3467."
3. Submit within one year of the date of this registration data for guidelines (830.631) for storage stability and guideline (830.6320) corrosion characteristics made at 0, 3, 6, 9, and 12 month intervals.
4. Per 40 CFR 156.10(a)(6), submit one copy of your final printed labeling before releasing the product for shipment. As defined in 40 CFR 152.3, "final printed labeling" means the "label or labeling of the product when distributed or sold". Clearly legible reproductions or photo reductions will be accepted for unusual labels. Note that a clean copy of the master label in most cases does not meet the definition of final printed labeling. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact BeWanda Alexander at www.alexander.bewanda@epa.gov or (703) 305-7460.

Signature of Approving Official:

Richard Gebken Product Manager
Insecticide Branch/Registration Division (7505P)

Date:
AUG 11 2014

RESTRICTED USE PESTICIDE
Toxic to fish and aquatic organisms. For retail sale to and use only by certified applicators, or persons under their direct supervision and only for those uses covered by the certified applicator's certification.

Group 3 Insecticide

F9390-3

Insecticide

ACCEPTED
08/11/2014
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 279-3467

EPA Reg. No. 279-_____

EPA Est. No. _____

Active Ingredient:

Bifenthrin: *

Other Ingredients:

By Wt.

17.68%

82.32%

100.00%

*Cis isomers 97% minimum, trans isomers 3% maximum
This product contains 1.6 lbs active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

| FIRST AID | |
|---|--|
| If Swallowed: | -Call a poison control center or doctor immediately for treatment advice. -Have person sip a glass of water if able to swallow. -Do not induce vomiting unless told to do so by a poison control center or doctor. -Do not give anything by mouth to an unconscious person. |
| If in Eyes: | -Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. -Call a poison control center or doctor for treatment advice. |
| If on Skin: | -Take off contaminated clothing. -Rinse skin immediately with plenty of water for 15-20 minutes. -Call a poison control center or doctor for treatment advice. |
| HOTLINE NUMBER | |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-331-3148 for emergency medical treatment information. | |
| NOTE TO PHYSICIAN | |
| This product is a pyrethroid. If large amounts have been ingested, the stomach and intestines should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided. | |
| For Emergency Assistance Call (800) 331-3148. | |

Net Contents: _____

FMC Corporation
Agricultural Products Group
1735 Market Street
Philadelphia, PA 19103

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Caution

Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment: Applicators and other handlers (other than mixers and loaders) must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Mixers and Loaders must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. Use with care when applying in areas adjacent to any body of water. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not make applications when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

The use of bifenthrin is prohibited in areas that may result in exposure of endangered species to bifenthrin. Prior to use in a particular county contact the local extension service for procedures and precautions to use to protect endangered species.

DIRECTIONS FOR USE

RESTRICTED USE PESTICIDE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply this product through any type of irrigation system.

Do not make foliar applications of this product.

Do not apply this product by air.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, Chemical-resistant gloves, such as Barrier Laminate or Nitrile Rubber or Neoprene Rubber or Viton, and Shoes plus socks.

Resistance Management

Some pests are known to develop resistance to insecticides that have been used repeatedly. While the development of insect resistance is well understood, it is not easily predicted. Therefore insecticides should be used in conjunction with the resistance management strategies in the area. Consult the local or State agricultural advisors for details. If insect resistance should develop in the area, this product used alone may not continue to provide sufficient levels of pest control. If the reduced levels of control cannot be attributed to improper application techniques, improper use rates, improper application timing, unfavorable weather conditions or abnormally high pest pressure, a resistant strain may have developed.

To reduce the potential for pesticide resistance use this product in a rotation program with other classes of chemistry and modes of action. Always apply this product at the recommended rates and in accordance with the use directions. Do not use less than recommended label rates alone or in tank mixtures. Do not use reduced rates of the tank mix partner. For optimum performance, scout fields carefully and begin applications when pests are smaller rather than larger. If resistance is suspected, contact the local or State agricultural advisors.

In areas where large corn rootworm populations are present, a multi-approach system may be needed for optimal pest management. However, if the population level is not known and if a corn rootworm adult scouting program along with threshold adult control measures were not completed during the previous growing season, then utilize a maximum dosage seed treatment program or genetically modified corn rootworm resistant hybrid in addition to F9390-3.

Application and Mixing Instructions

F9390-3 is an insecticide that contains 1.6 pounds of bifenthrin per gallon. The rate of application is variable according to pest pressure, timing of treatments and field scouting. Use lower rates under light to moderate pest infestations, and higher rates under heavier pest pressure. In arid climates application rates are generally higher. F9390-3 must be used in equipment designed specifically for application of this type of formulation.

Cultivation within 10 feet of a water body is prohibited to allow for the growth of a vegetated filter strip. In New York State this product may not be applied within 100 feet (using ground equipment) of coastal marshes or streams that drain into coastal marshes.

F9390-3 must be applied in-furrow with the seed or transplant.

Do not mix with any other product unless that product has been specifically designed to work with the F9390-3 formulation.

Use rates in the individual crop sections are listed as Fluid oz/acre and Fluid oz/1000 Linear ft based on 30 inch row spacings. For conversion to rates applicable to other row spacings, see the table below.

The maximum application rate per acre per season (pounds active ingredient/acre/season) as listed under the use directions for each crop must not be exceeded.

| F9390-3 Insecticide Required Per Acre for Various Row Spacings | | | | | |
|---|-----------------|-----------------|-----------------|-----------------|-------------------------|
| Row Spacing | 36" | 30" | 20" | 15" | Twin Row 30" centers |
| Linear row ft/acre | 14,520 ft | 17,424 ft | 26,136 ft | 34,848 ft | 34,848 ft |
| Conversion | | | | | |
| 0.19 Fluid oz/1000 Linear ft = | 2.8 fl oz/acre | 3.3 fl oz/acre | 5.0 fl oz/acre | 6.6 fl oz/acre | 6.6 fl oz/acre |
| 0.23 Fluid oz/1000 Linear ft = | 3.4 fl oz/acre | 4.0 fl oz/acre | 6.0 fl oz/acre | 8.0 fl oz/acre | 8.0 fl oz/acre |
| 0.31 Fluid oz/1000 Linear ft = | 4.5 fl oz/acre | 5.4 fl oz/acre | 8.1 fl oz/acre | 10.8 fl oz/acre | 10.8 fl oz/acre |
| 0.46 Fluid oz/1000 Linear ft = | 6.7 fl oz/acre | 8.0 fl oz/acre | 12.0 fl oz/acre | 16.0 fl oz/acre | 16.0 fl oz/acre |
| 0.55 Fluid oz/1000 Linear ft = | 8.0 fl oz/acre | 9.6 fl oz/acre | 14.4 fl oz/acre | | |
| 0.67 Fluid oz/1000 Linear ft = | 9.7 fl oz/acre | 11.7 fl oz/acre | | | |
| 0.80 Fluid oz/1000 Linear ft = | 11.6 fl oz/acre | 13.9 fl oz/acre | | | |
| 0.92 Fluid oz/1000 Linear ft = | 13.4 fl oz/acre | 16.0 fl oz/acre | | | |
| 1.38 Fluid oz/1000 Linear ft = | 20.0 fl oz/acre | 24.0 fl oz/acre | | | |

Crop Rotation Restrictions

Crops for which bifenthrin tolerances exist may be rotated at any time. All other crops may be rotated 30 days following the final application of bifenthrin.

BUFFER ZONES

Vegetative Buffer Zones

Construct and maintain a minimum 10-foot-wide vegetative filter strip of grass or other permanent vegetation between the field edge and down gradient aquatic habitat (such as, but not limited to, lakes; reservoirs; rivers; permanent streams; marshes or natural ponds; estuaries; and commercial fish farm ponds).

Only apply products containing bifenthrin onto fields where a maintained vegetative buffer strip of at least 10 feet exists between the field and down gradient aquatic habitat.

For guidance, refer to the following publication for information on constructing and maintaining effective buffers: *Conservation Buffers to Reduce Pesticide Losses. Natural Resources Conservation Services. USDA, NRCS. 2000. Fort Worth, Texas. 21pp. <http://www.in.nrcs.usda.gov/technical/agronomy/newconbuf.pdf>.*

BRASSICA, HEAD AND STEM - Crop Subgroup 5A

Includes: Broccoli; Chinese broccoli (gai ion, white flowering broccoli); Brussels sprouts; Cauliflower; Cavalo broccolo; Kohlrabi; Cabbage; Chinese cabbage (napa); Chinese mustard cabbage

| PEST | USE RATES | | |
|--|---------------|--------------------------|---------------|
| | Fluid oz/acre | Fluid oz/1000 Linear ft. | Pound ai/acre |
| Cucumber beetle larvae | 6.4 - 8.0 | 0.37 - 0.46 | 0.08 - 0.1 |
| Wireworm Grubs Seedcorn maggot Cabbage maggot Root maggots Root aphids Army cutworm Cutworm spp. Armyworm spp. | 3.2 - 8.0 | 0.19 - 0.46 | 0.04 - 0.1 |

Restrictions:

Do not apply more than 0.1 pound active ingredient (8.0 fl oz product) per acre per season as an at-plant application.
Do not apply more than 0.5 pound active ingredient per acre per season including at-plant plus foliar applications of other bifenthrin products.

CILANTRO, CORIANDER

| PEST | USE RATES | | |
|---|---------------|--------------------------|---------------|
| | Fluid oz/acre | Fluid oz/1000 Linear ft. | Pound ai/acre |
| Wireworm Armyworm spp. Cutworm spp. Flea beetle larvae | 3.2 - 8.0 | 0.19 - 0.46 | 0.04 - 0.1 |

Do not apply more than 0.1 pound active ingredient (8.0 fl oz product) per acre per season as an at-plant application.
Do not apply more than 0.5 pound active ingredient per acre per season including at-plant plus foliar applications of other bifenthrin products.

CORN

Includes: Field Corn, Popcorn, Field Corn Grown for Seed, Sweet Corn, Sweet Corn Grown for Seed

| PEST | USE RATES | | |
|---|---------------|--------------------------|---------------|
| | Fluid oz/acre | Fluid oz/1000 Linear ft. | Pound ai/acre |
| Corn rootworm larvae (Northern, Southern and Western) | 8.0 - 16.0 | 0.46 - 0.92 | 0.1 - 0.2 |
| Wireworm Grape colaspis Grubs Seedcorn maggot Root aphids Army cutworm Cutworm spp. True armyworm Armyworm spp. Stalkborer Seed corn beetle Sugarcane beetle | 4.0 - 16.0 | 0.23 - 0.92 | 0.05 - 0.2 |

Heavy Corn Rootworm Pressure Management Program: In areas where large corn rootworm populations are present, a multi-approach system may be needed for optimal pest management. However, if the population level is not known and if a corn rootworm adult scouting program along with threshold adult control measures were not completed during the previous growing season, then utilize a maximum dosage seed treatment program or genetically modified corn rootworm resistant hybrid in addition to F9390-3.

Restrictions:

Do not apply more than 0.2 pound active (16.0 fl oz product) per acre per season as an at-plant application.

For field corn: Do not apply more than 0.3 pound active ingredient per acre per season including ppi, at-plant, pre-emergence, and foliar applications of other bifenthrin products.

For sweet corn: Do not apply more than 0.2 pound active ingredient per acre total per season including ppi, at-plant, pre-emergence, and foliar applications of other bifenthrin products.

| F9390-3 Insecticide Required Per Acre for Various Row Spacings | | | | | |
|---|-----------------|-----------------|-----------------|-----------------|----------------------|
| Row Spacing | 36" | 30" | 20" | 15" | Twin Row 30" centers |
| Linear row ft/acre | 14,520 ft | 17,424 ft | 26,136 ft | 34,848 ft | 34,848 ft |
| Conversion | | | | | |
| 0.23 Fluid oz/1000 Linear ft = | 3.4 fl oz/acre | 4.0 fl oz/acre | 6.0 fl oz/acre | 8.0 fl oz/acre | 8.0 fl oz/acre |
| 0.31 Fluid oz/1000 Linear ft = | 4.5 fl oz/acre | 5.4 fl oz/acre | 8.1 fl oz/acre | 10.8 fl oz/acre | 10.8 fl oz/acre |
| 0.46 Fluid oz/1000 Linear ft = | 6.7 fl oz/acre | 8.0 fl oz/acre | 12.0 fl oz/acre | 16.0 fl oz/acre | 16.0 fl oz/acre |
| 0.55 Fluid oz/1000 Linear ft = | 8.0 fl oz/acre | 9.6 fl oz/acre | 14.4 fl oz/acre | | |
| 0.67 Fluid oz/1000 Linear ft = | 9.7 fl oz/acre | 11.7 fl oz/acre | | | |
| 0.80 Fluid oz/1000 Linear ft = | 11.6 fl oz/acre | 13.9 fl oz/acre | | | |
| 0.92 Fluid oz/1000 Linear ft = | 13.4 fl oz/acre | 16.0 fl oz/acre | | | |

Rates less than the equivalent of 8.0 fl oz/A at 30" row spacing may not provide adequate control of corn rootworm.

CUCURBIT VEGETABLES – Crop Group 9

Includes: Chayote (fruit); Chinese waxgourd (Chinese preserving melon); Citron melon; Cucumber; Gherkin; Gourd, edible (includes *Lagenaria* spp. hyotan, cucuzza; *Luffa* spp. hechima, Chinese okra); *Momordica* spp. (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); Muskmelon (hybrids and/or cultivars of *Cucumis melo* - includes true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon); Pumpkin (*Cucurbita* spp.); Summer-Squash (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini); Winter Squash (includes butternut squash, calabaza, hubbard squash (*C. mixta*; *C. pepo*), acorn squash, spaghetti squash); Watermelon (includes hybrids and/or varieties of *Citrullus* spp.)

| PEST | USE RATES | | |
|---|---------------|--------------------------|---------------|
| | Fluid oz/acre | Fluid oz/1000 Linear ft. | Pound ai/acre |
| Cucumber beetle larvae | 6.4 - 8.0 | 0.37 - 0.46 | 0.08 - 0.1 |
| Wireworm Grubs Flea beetle larvae Army cutworm Cutworm spp. True armyworm Armyworm spp. | 3.2 - 8.0 | 0.19 - 0.46 | 0.04 - 0.1 |

Restrictions:

Do not apply more than 0.1 pound active ingredient (8.0 fl oz product) per acre per season as an at-plant application.
Do not apply more than 0.3 pound active ingredient per acre per season including at-plant plus foliar applications of other bifenthrin products.

DRIED BEANS AND PEAS (except Soybean) – Crop Subgroup 6C

Includes: Dried cultivars of Bean (*Lupinus* spp.); Bean (*Phaseolus* spp.) (includes field bean, kidney bean, lima bean (dry), navy bean, pinto bean, tepary bean); Bean (*Vigna* spp.) (includes adzuki bean, blackeyed pea, catjang, cowpea, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean); Broad bean (dry); Chickpea; Guar; Lablab bean; Lentil; Pea (*Pisum* spp.) (includes field pea); Pigeon pea

| PEST | USE RATES | | |
|--|---------------|--------------------------|---------------|
| | Fluid oz/acre | Fluid oz/1000 Linear ft. | Pound ai/acre |
| Corn rootworm larvae | 8.0 | 0.46 | 0.1 |
| Grape colaspis Wireworm Grubs Root maggot Army cutworm Cutworm spp. True armyworm Armyworm spp. | 3.2 - 8.0 | 0.19 - 0.46 | 0.04 - 0.1 |

Restrictions:

Do not apply more than 0.1 pound active ingredient (8.0 fl oz product) per acre per season as an at-plant application.
Do not apply more than 0.2 pound active ingredient to peas or 0.3 pound active ingredient to beans per acre per season including at-plant plus foliar applications of other bifenthrin products.

EGGPLANT

| PEST | USE RATES | | |
|--|---------------|--------------------------|---------------|
| | Fluid oz/acre | Fluid oz/1000 Linear ft. | Pound ai/acre |
| Rootworm larvae | 8.0 | 0.46 | 0.1 |
| Wireworm Grubs Root maggot Army cutworm Cutworm spp. True armyworm Armyworm spp. | 3.2 - 8.0 | 0.19 - 0.46 | 0.04 - 0.1 |

Restrictions:

Do not apply more than 0.1 pound active ingredient (8.0 fl oz product) per acre per season as an at-plant application.
Do not apply more than 0.2 pound active ingredient per acre per season including at-plant plus foliar applications of other bifenthrin products.

HEAD LETTUCE

| PEST | USE RATES | | |
|--|---------------|--------------------------|---------------|
| | Fluid oz/acre | Fluid oz/1000 Linear ft. | Pound ai/acre |
| Rootworm larvae | 8.0 | 0.46 | 0.1 |
| Wireworm Grubs Root maggot Lettuce root aphid Army cutworm Cutworm spp. True armyworm Armyworm spp. Bulb mites | 3.2 - 8.0 | 0.19 - 0.46 | 0.04 - 0.1 |

Restrictions:

Do not apply more than 0.1 pound active ingredient (8.0 fl oz product) per acre per season as an at-plant application.
Do not apply more than 0.5 pound active ingredient per acre per season including at-plant plus foliar applications of other bifenthrin products.

LEAFY BRASSICA GREENS, TURNIP GREENS – Crop Subgroup 5B

Includes: Broccoli raab; Chinese cabbage (bok choy); Collards; Kale; Mizuna; Mustard greens; Mustard spinach; Rape greens, Turnip greens

| PEST | USE RATES | | |
|--|---------------|--------------------------|---------------|
| | Fluid oz/acre | Fluid oz/1000 Linear ft. | Pound ai/acre |
| Rootworm larvae | 8.0 | 0.46 | 0.1 |
| Wireworm Grubs Root maggot Lettuce root aphid Army cutworm Cutworm spp. True armyworm Armyworm spp. | 3.2 - 8.0 | 0.19 - 0.46 | 0.04 - 0.1 |

Restrictions:

Do not apply more than 0.1 pound active ingredient (8.0 fl oz product) per acre per season as an at-plant application.
Do not apply more than 0.4 pound active ingredient per acre per season including at-plant plus foliar applications of other bifenthrin products.

OKRA

| PEST | USE RATES | | |
|---|---------------|--------------------------|---------------|
| | Fluid oz/acre | Fluid oz/1000 Linear ft. | Pound ai/acre |
| Wireworm Armyworm Cutworm Flea beetle larvae | 3.2 - 8.0 | 0.19 - 0.46 | 0.04 - 0.1 |

Restrictions:

Do not apply more than 0.1 pound active ingredient (8.0 fl oz product) per acre per season as an at-plant application.
Do not apply more than 0.2 pound active ingredient per acre per season including at-plant plus foliar applications of other bifenthrin products.

PEPPERS, BELL AND NON-BELL

| PEST | USE RATES | | |
|--|---------------|--------------------------|---------------|
| | Fluid oz/acre | Fluid oz/1000 Linear ft. | Pound ai/acre |
| Rootworm larvae | 8.0 | 0.46 | 0.1 |
| Wireworm Grubs Root maggot Flea beetle larvae Pepper maggot Root aphid Army cutworm Cutworm spp. True armyworm Armyworm spp. Stalk borer | 3.2 - 8.0 | 0.19 - 0.46 | 0.04 - 0.1 |

Restrictions:

Do not apply more than 0.1 pound active ingredient (8.0 fl oz product) per acre per season as an at-plant application.
Do not apply more than 0.2 pound active ingredient per acre per season including at-plant plus foliar applications of other bifenthrin products.

SOYBEANS

| PEST | USE RATES | | |
|---|---------------|--------------------------|---------------|
| | Fluid oz/acre | Fluid oz/1000 Linear ft. | Pound ai/acre |
| Rootworm larvae | 8.0 | 0.46 | 0.1 |
| Wireworm Grape colaspis Grubs Root maggot Seedcorn maggot Army cutworm Cutworm spp. True armyworm Armyworm spp. Seed corn beetle | 3.2 - 8.0 | 0.19 - 0.46 | 0.04 - 0.1 |

Restrictions:

Do not apply more than 0.1 pound active ingredient (8.0 fl oz product) per acre per season as an at-plant application.
Do not apply more than 0.2 pound active ingredient per acre per season including at-plant plus foliar applications of other bifenthrin products.

SPINACH

| PEST | USE RATES | | |
|---|---------------|--------------------------|---------------|
| | Fluid oz/acre | Fluid oz/1000 Linear ft. | Pound ai/acre |
| Rootworm larvae | 8.0 | 0.46 | 0.1 |
| Wireworm Grubs Root maggot Seedcorn maggot Army cutworm Cutworm spp. True armyworm Armyworm spp. | 3.2 - 8.0 | 0.19 - 0.46 | 0.04 - 0.1 |

Restrictions:

Do not apply more than 0.1 pound active ingredient (8.0 fl oz product) per acre per season as an at-plant application.
Do not apply more than 0.4 pound active ingredient per acre per season including at-plant plus foliar applications of other bifenthrin products.

SUCCULENT BEANS AND PEAS – Crop Subgroups 6A and 6B

Includes: Bean (*Phaseolus* spp.) (includes green lima bean, runner bean, snap bean, succulent broad bean, wax bean); Bean (*Vigna* spp.) (includes asparagus bean, blackeyed pea, Chinese longbean, cowpea, moth bean, southern pea, yardlong bean); Jackbean, Pea (*Pisum* spp.) (includes dwarf pea, edible-podded pea, English pea, garden pea, green pea, snow pea, sugar snap pea); Pigeon pea; Soybean (immature seed); Sword bean

| PEST | USE RATES | | |
|-----------------|---------------|--------------------------|---------------|
| | Fluid oz/acre | Fluid oz/1000 Linear ft. | Pound ai/acre |
| Rootworm larvae | 8.0 | 0.46 | 0.1 |
| Wireworm | 3.2 - 8.0 | 0.19 - 0.46 | 0.04 - 0.1 |
| Grape colaspis | | | |
| Grubs | | | |
| Root maggot | | | |
| Seedcorn maggot | | | |
| Army cutworm | | | |
| Cutworm spp. | | | |
| True armyworm | | | |
| Armyworm spp. | | | |

Restrictions:

Do not apply more than 0.1 pound active ingredient (8.0 fl oz product) per acre per season as an at-plant application. Do not apply more than 0.2 pound active ingredient per acre per season including at-plant plus foliar applications of other bifenthrin products.

TUBEROUS AND CORM VEGETABLES – Crop Subgroup 1C

Includes: Potato; Sweet potato; Arracacha; Arrowroot; Chinese artichoke; Jerusalem artichoke; Edible canna; Cassava (bitter and sweet); Chayote (root); Chufa; Dasheen (taro); Ginger; Leren; Tanier; Turmeric; Yam bean; True yam

| PEST | USE RATES | | |
|--------------------------|---------------|--------------------------|---------------|
| | Fluid oz/acre | Fluid oz/1000 Linear ft. | Pound ai/acre |
| Wireworms | 12.0 – 24.0 | 0.69 – 1.38 | 0.15 - 0.3 |
| Grape colaspis | | | |
| White grub | | | |
| Sweet potato flea beetle | | | |
| Rootworms | | | |

Restrictions:

Do not apply more than 0.3 pound active ingredient (24.0 fl oz product) per acre per season as an at-plant application. Do not apply more than 0.5 pound active ingredient per acre per season including at-plant plus foliar applications of other bifenthrin products.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage

If storing this product below freezing, user should shake or roll the container to ensure proper product consistency. Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal. In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC: 1-(800)-331-3148. To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

Container Handling

Non-refillable Container [bag in box]: Do not reuse or refill this container. Completely empty bag into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Non-refillable Container [in sizes 5 gallons or less]: Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Non-refillable Container [in sizes greater than 5 gallons]: Do not reuse or refill this container. Triple rinse or pressure rinse container promptly after emptying. **Triple rinse as follows:** Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip back and forth several times. Turn the container over onto its other end and tip back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold the container upside down over application equipment or a mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Returnable/Refillable Container: Do not rinse container. Do not empty remaining formulated product. Do not break seals. Return intact to point of purchase. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents into application equipment or mix tank or rinsate collection system. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Returnable/Non-refillable Container: Do not rinse container. Do not empty remaining formulated product. Return intact to point of purchase. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, empty the remaining contents into application equipment or mix tank or rinsate collection system. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Conditions of Sale and Limitation of Warranty and Liability:

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of FMC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. To the extent consistent with applicable law, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and buyer assumes the risk of any such use.

To the extent consistent with applicable law, FMC or seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

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